(54) **METHOD AND SYSTEM FOR INTERNATIONALIZING DOMAIN NAMES**

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(*) Notice: Under 35 U.S.C. 154(b), the term of this patent shall be extended for 0 days.

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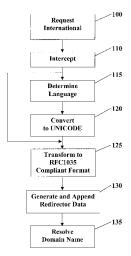Popp et al., "The RealName System: a Human Friendly Naming Scheme," Internet Draft, Sep. 23, 1998.

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(57) **ABSTRACT**

A method and system for internationalizing domain names is provided which allows domain names to be entered in any language without having to modify the existing Internet domain name servers. When an user enters a domain name including non-English characters into an internet program, a domain name transformer intercepts the domain name prior to reaching the resolver. The domain name is converted to a standard format which can represent all language character sets, such as UNICODE. The UNICODE string is then transformed to be in RFC1035 compliant format. Redirector information is then appended to the compliant string which identifies the delegation of authoritative root servers and/or domain name servers responsible for the domain name. The compliant domain string is then resolved by the authoritative domain name server just as any English domain name.

38 Claims, 2 Drawing Sheets